

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (previously presented) Device for producing heavy gas-filled insulating glass sheets comprising:

two essentially vertical plates (4, 6), with a conveyor means (40) for an insulating glass sheet which is to be filled with heavy gas and with a seal (20) in a space (10) between the plates which is aligned essentially vertically,

wherein the seal (20) between the plates (4, 6) is adjustable solely perpendicular to a plane of the plates (4, 6), and

wherein on two vertical edges of the plates (4, 6) there are sealing elements (12) for sealing the space (10) between the plates (4, 6) to the outside.

2. (previously presented) Device as claimed in claim 1, wherein the seal (20) is movably held in a groove (28) which runs essentially vertically and which is open towards the space (10) between the plates (4, 6) in one plate (4, 6) perpendicular to the plane of the plate (4, 6).

3. (original) Device as claimed in claim 2, wherein the seal (20) is sealed (30) relative to the groove (28).

4. (previously presented) Device as claimed in claim 1, wherein the seal (20) is in the plate (4) which is mounted stationary in the machine frame (2).

5. (previously presented) Device as claimed in claim 1, wherein the seal (20) is adapted to be pulled back so far that its front surface (32) which is assigned to the space (10) between the plates (4, 6) is flush with a surface of the plate (4, 6) in which it is held, which surface is assigned to the space (10).

6. (previously presented) Device as claimed in claim 1, wherein a surface of the seal (20) assigned to the space (10) between the plates (4, 6) is covered with a strip (32) of elastic material.

7. (previously presented) Device as claimed in claim 1, wherein the seal (20) is located on the plate (6) which is adjustable transversely to its plane.

8. (original) Device as claimed in claim 7, wherein the seal (20) is held in a groove (28) in the adjustable plate (6).

9. (previously presented) Device as claimed in claim 7, wherein the seal (20) is loaded by elastic means into a position which projects into the space (10) between the plates (4, 6).

10. (previously presented) Device as claimed in claim 9, wherein the elastic means comprise one of a helical spring and a gas pressure spring.

11. (new) Device for producing heavy gas-filled insulating glass sheets comprising:

two essentially vertical plates positioned on opposite sides of at least one conveyor for an insulating glass sheet which is to be filled with heavy gas; and

at least one seal oriented essentially vertically in a space between the plates;

wherein the seal is movable solely perpendicular to a plane of the plates; and

wherein on two vertical edges of the plates there are additional seals for sealing the space between the plates to the outside.

12. (new) Device for producing heavy gas-filled insulating glass sheets comprising:

two essentially vertical plates positioned on opposite sides of at least one conveyor for an insulating glass sheet which is to be filled with heavy gas; and

at least one seal oriented essentially vertically in a space between the plates;

wherein the seal is extensible from and retractable into a vertically extending groove via movements solely perpendicular to the plane of the plates, said vertically extending groove being provided in a central region of said plates.

13. (new) Device for producing heavy gas-filled insulating glass sheets comprising:

two essentially vertical plates positioned on opposite sides of at least one conveyor for an insulating glass sheet which is to be filled with heavy gas; and

at least one seal oriented essentially vertically in a space between the plates;

wherein the seal is extensible from a vertically extending groove via solely linear motion in a first direction and retractable into said vertically extending groove via solely linear motion in a second direction opposite to said first direction, said vertically extending groove being provided in a central region of said plates.